

Table A
Results of First Round Pilot Random Selection of Chemicals Eligible for Prioritization for Consideration of
Carcinogenicity Evaluation
August 5, 1997

RS 1		Chemical	CAS	Use
batch number	random number			
1	1	di(2-ethylhexyl)adipate	103-23-1	plasticizer, solvent in certain cosmetics
2	5	bis(2-chloro-1-methylethyl) ether	108-60-1	solvent and chemical intermediate
3	8	aminofluorene, 2-	153-78-6	chemical research
4	15	pentachloronitrobenzene (PCNB)	82-68-8	fungicide for soil, lawns, and food crops
5	18	thioguanine deoxyriboside, beta-	789-61-7	evaluated but not approved as anti-neoplastic drug
6	21	trichloroacetic acid	76-03-9	herbicide, soil stimulant, intermediate for chemical synthesis
7	22	dimethyl hydrogen phosphite	868-85-9	lubricant additive
8	37	C.I. solvent yellow 14 (sudan 1)	842-07-9	dye for oils, solvents, waxes, shoe polish, plastic
9	48	dapsone (sulfonyldianiline, 4,4'-)	80-08-0	pharmaceutical for treatment of leprosy, previous candidate for an authoritative bodies listing
10	54	cyanazine	21725-46-2	herbicide

RS 2	Chemical		CAS	Use
batch number	random number			
11	56	chloronitrobenzene, p-	100-00-5	intermediate for chemical synthesis
12	62	acronycine	7008-42-6	evaluated but not approved as anti-neoplastic drug
13	66	malonaldehyde, sodium salt	24382-04-5	produced by metabolism in the human body
14	68	dicofol	115-32-2	extensively used pesticide for mite control
15	73	estragole [1-methoxy-4-(2-propenyl)benzene]	140-67-0	flavoring agent in food, fragrance in cosmetics
16	81	amino-5-(5-nitro-2-furyl)-1,3,4-oxadiazole, 2	3775-55-1	evaluated but not approved as an anti-microbial drug
17	82	dichlorophenoxyacetic acid, 2,4- (including salts & esters) (2,4- D)	94-75-7	extensively used broad-leaf herbicide
18	84	butyl-N-nitrosourea, N-	869-01-2	not produced commercially, used in chemical/biological research
19	88	furfural	98-01-1	extensive use as solvent, in adhesives, as a flavoring, in chemical synthesis
20	91	zearalenone	17924-92-4	intermediate for chemical synthesis

RS 3	Chemical		CAS	Use
batch number	random number			
21	108	bromoethane (ethyl bromide)	74-96-4	extensively used soil and structure fumigant
22	109	dimethoxy-4'-aminostilbene, 2,5-	23435-31-6	intermediate in chemical synthesis
23	112	piperonyl sulfoxide	120-62-7	insecticide synergism
24	114	patulin	149-29-1	mycotoxin not produced or used commercially
25	133	bis(tri-N-butyltin)oxide	56-35-9	in antifouling marine paints, wood and textile preservative
26	136	biphenylamine hydrochloride, 2- {aminobiphenylhydrochloride, 2-}	2185-92-4	intermediate in chemical synthesis
27	142	amino-2-nitrophenol, 4-	119-34-6	dye for furs, etching printing plates
28	159	chlorthal-dimethyl (DCPA)	1861-32-1	selective herbicide
29	164	ethyl-N-formylhydrazine, N-	74920-78-8	research chemical
30	169	salicylazosulfapyridine	599-79-1	drug for treatment of inflammatory bowel disease